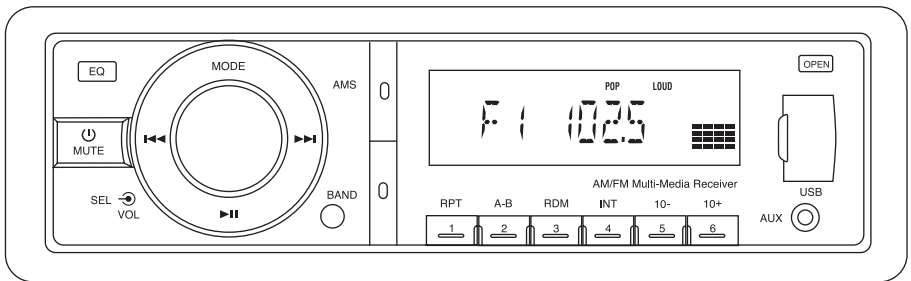


# Operation and Installation Manual

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**Model: M3500DVD**  
DVD/CD Receiver  
with AM/FM Tuner

## Introduction

Your new M3500DVD in-dash entertainment system has been designed to give you many years of listening and viewing pleasure. Take a moment to read

through this manual and become familiar with the operations and features of this outstanding product.

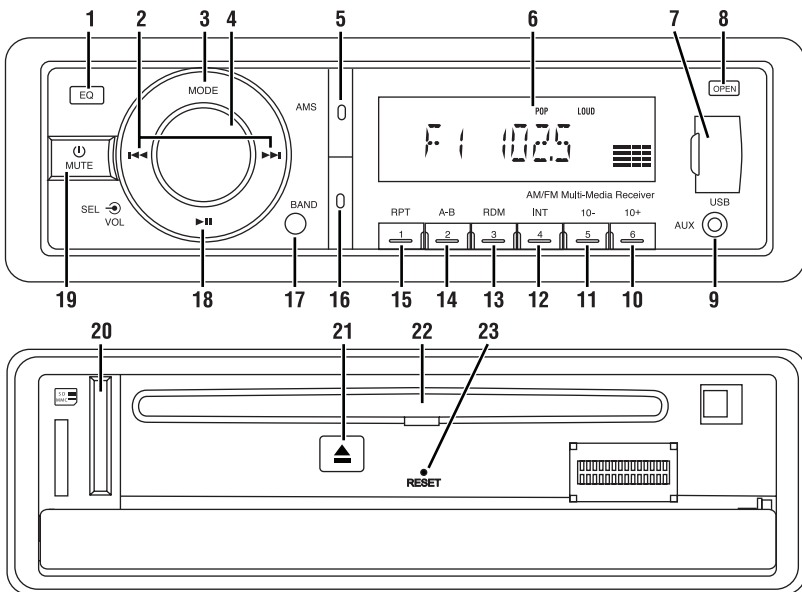
## Caution

- FCC REGULATIONS STATE THAT ANY UNAUTHORIZED CHANGES OR MODIFICATIONS TO THIS EQUIPMENT MAY VOID THE USER'S AUTHORITY TO OPERATE IT.
- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.
- THIS DEVICE IS INTENDED FOR CONTINUOUS OPERATION.
- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK AND ANNOYING INTERFERENCE, USE ONLY THE RECOMMENDED ACCESSORIES.

## Warnings

- **The driver should neither watch the display nor operate the system while driving.** Watching the display or operating the system will distract the driver from looking ahead of the vehicle and can cause accidents. **Always stop the vehicle in a safe location and use the parking brake before watching the display or operating the system.** In some states and countries, passengers are also prohibited from watching the display.
- Never install the product in a location where it interferes with your field of vision.
- Use the proper power supply. This product is designed for operation with a negative grounded 12V DC battery system. Never operate this product with other battery systems, especially a 24V DC battery system. If the product is used with the improper system it may cause a fire or an accident.
- This product must be installed and used in accordance with this manual. Any alterations to this product that enables it to be used in any way other than intended or designed could distract the driver and result in an accident causing injury or death. Magnadyne Corporation disclaims any and all liability that may result from failure to install and operate in any other manner in which this unit was intended.
- Do not disassemble, modify the unit or attempt to repair the product yourself. If the product needs to be repaired, consult your dealer.
- Do not install the unit in a place exposed to direct sunlight or excessive heat or humidity. Avoid places with too much dust or the possibility of water splashing.

## Button Location and Functions



## Location and Function of the Controls

- 1. Equalizer/Loud Button (EQ):** Press to select between the preset sound equalization settings. Press and hold the button to boost high and low tones at low volume levels (loudness).
- 2. Down (◀◀) and Up (▶▶) Controls:**

**Radio:** Press and release to manually adjust the radio frequency down or up. Press and hold to automatically scan to the next radio station.

**DVD, CD, SD or USB:** Changes tracks or chapters.
- 3. Mode Button (MODE):** Press the **MODE** button to change the operating mode as follows: "AVIN F" Audio/Video In, Front > "AVIN R" Audio/Video In, Rear > "F1, F2, F3, AM1 or AM2" Radio > "LOAD" Music or Movie Disc > "USB" USB > "CARD" SD card\*.  
\*Available only when there is media inserted into Disc slot, USB slot or SD Card slot.
- 4. Volume/Select Knob (VOL/SEL)**

**Volume:** Rotate **VOL** knob to adjust the volume level.

**Select:** Press the **VOL** knob to enter the sound characteristics menu. Pressing the **VOL** knob will change the menu item as follows: "BAS" bass > "TRE" treble > "BAL" balance > "FAD" fader > "STEREO" stereo/mono FM reception > "BEEP OFF" beep confirmation for button press > "USA" radio frequency > "VOL" volume.
- 5. Automatic Memory Station (AMS):** Press and hold for automatic station memory storing. Press and release for scanning memorizes stations.
- 6. Display Area:** Displays: radio, disc, SD card and USB functions.
- 7. USB Input:** Plug in your USB device, "LOAD" then "USB" will appear in the display.
- 8. Face Plate Release Button (OPEN):** Press to open face plate to allow access to disc slot, SD card slot and disc eject button.
- 9. 3.5mm Auxiliary Audio/Video Input Jack:** Plug-in a device with a 3.5mm audio/video input plug.
- 10. Multi-Function Button (6, +10):**

**Radio:** Recalls a memorized radio station, and programs a radio station into memory.

**DVD, CD, SD or USB:** Press to skip up 10 tracks/chapters.
- 11. Multi-Function Button (5, -10):**

**Radio:** Recalls a memorized radio station, and programs a radio station into memory.

**DVD, CD, SD or USB:** Press to skip down 10 tracks/chapters.
- 12. Multi-Function Button (4, INT):**

**Radio:** Recalls a memorized radio station, and programs a radio station into memory.

**CD:** Press to activate the intro function which will play the beginning of every track for 10 seconds.
- 13. Multi-Function Button (3, RDM):**

**Radio:** Recalls a memorized radio station, and programs a radio station into memory.

**DVD, CD, SD or USB:** Press to randomly play tracks/chapters.
- 14. Multi-Function Button (2, A-B):**

**Radio:** Recalls a memorized radio station, and programs a radio station into memory.

**DVD, CD, SD or USB:** Continuously repeats a selection of music/movie.
- 15. Multi-Function Button (1, RPT):**

**Radio:** Recalls a memorized radio station, and programs a radio station into memory.

**DVD, CD, SD or USB:** Press to repeat the current track/chapter. Press again to cancel the repeat function.
- 16. Radio Band Button (BAND):** Selects the desired radio band in the following order: F1, F2, F3, AM1 and AM2.
- 17. IR Eye for Remote Control**
- 18. Play/Pause Button (▶||):**

**DVD, CD, SD or USB:** Press to pause the current track/chapter. Press again to resume play.
- 19. Power/Mute Button (⏻ MUTE):**

**Power:** Press to turn the unit on when the unit is off, press and hold the button to turn the unit off.

**Mute:** When the unit is on press and release this button to mute the audio, press again to restore the audio.
- 20. SD Card Slot:** Insert a SD card with the notch in the card facing down, "LOAD" then "CARD" will appear in the display.
- 21. Eject Button (⏏):** Ejects the disc from the DVD/CD slot.
- 22. Disc Slot:** Insert a disc into the slot with label facing up.
- 23. Reset Button:** Press the **RESET** button if the unit freezes up or does not function correctly.

## Remote Control Button Locations and Functions

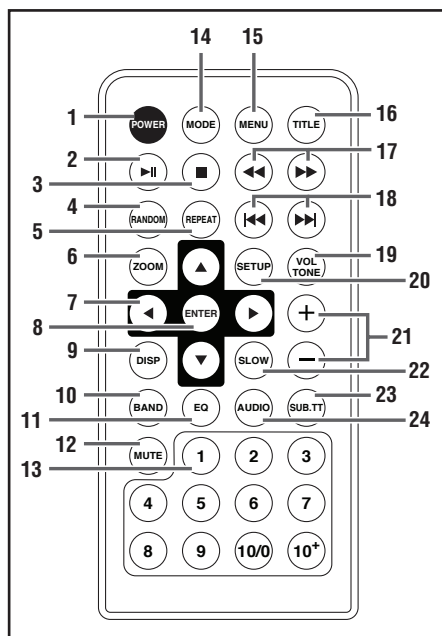
### Inserting the Batteries into the Remote Control:

1. Open the battery compartment cover.
2. Insert the new batteries. Make sure that the positive and negative terminals of the batteries are oriented as indicated.
3. Close the cover.

### Using the Remote Control:

Point the remote control towards the IR eye on the radio.

**Note:** Operation angle is about 30 degree in each direction. Operation distance is about 15ft.



**1. Power On/Off:** Turns the unit On or Off.

**2. Play/Pause (▶||): DVD, CD, SD or USB:** Press to pause the current track/chapter. Press again to resume play.

**3. Stop (■):** Stops disc play.

**4. Random:** Press to randomly play tracks/chapters.

**5. Repeat:** Repeats play of chapters, titles, tracks and discs.

**6. Zoom:** Enlarges or reduces the size of movie picture.

**7. Cursor (▲, ▶, ▼, ◀):** Moves feature selection up, down, left or right.

**8. Enter:** Confirms the selected item.

**9. Display (DISP):** Displays source information.

**10. Band:** Selects F1, F2, F3, AM1 or AM2 radio bands.

**11. Equalizer/Loud (EQ):** Press to select between the preset sound equalization settings. Press and hold the button to boost high and low tones at low volume levels (loudness).

**12. Mute:** Mutes the audio.

**13. Numeric Keypad:** Inputs the corresponding number.

**14. Mode:** Switches through the available sources.

**15. Menu:** Displays the movie menu.

**16. Title:** Displays the title menu that is stored on the movie disc.

**17. Disc Fast Rewind/Fast Forward (◀◀, ▶▶):** Press the fast forward button ▶▶ to fast forward disc play or press the fast reverse button ◀◀ to fast reverse disc play. Each time the button is pressed, the speed changes. To resume normal play, press the play button ▶||.

**18. Tune/Track/Chapter (◀◀◀, ▶▶▶):**  
**Radio:** Press and release to manually adjust the radio frequency down or up. Press and hold to automatically scan to the next station.

**Disc:** Press to change to a lower or higher track/chapter.

**19. VOL/TONE :**

Press to change the menu item as follows:  
 "BAS" bass > "TRE" treble > "BAL" balance > "FAD" fader > "STEREO" stereo/mono FM reception > "BEEP OFF" beep confirmation for button press > "USA" radio frequency > "VOL" volume.

**20. SETUP:**

Access the Movie Disc Setup Menu, a movie disc has to be inserted.

**21. +, - (Volume Adjustment):**

Press to increase or decrease the volume level. They also adjust Bass, Treble, Balance and Fader when selected.

**22. Slow:** Press to play the movie disc in slow motion.

**23. Subtitle (SUB.TT):** Accesses movie disc's subtitle languages.

**24. Audio:** Changes the language on multi-language movie discs.

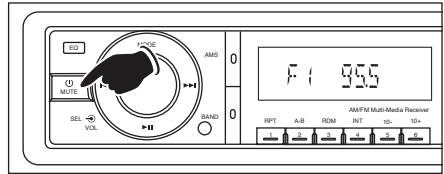
## General Operations

### Turning the Unit On:

Press the  button to turn the unit On when the unit is off.

### Turning the Unit Off:

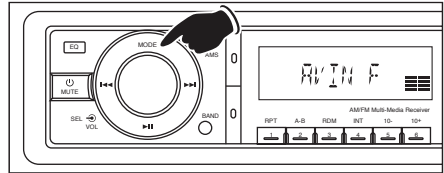
Press and hold the  button to turn the unit Off.



### Mode Selection:

Press the **MODE** button to change the operating mode as follows: "AVIN F" Audio/Video In, Front > "AVIN R" Audio/Video In, Rear > "F1, F2, F3, AM1 or AM2" Radio > "LOAD" Music or Movie Disc > "USB" USB > "CARD" SD card\*.

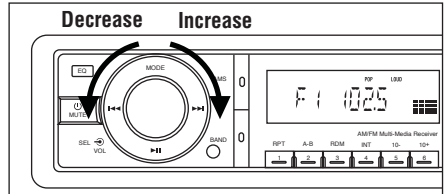
\*Available only when there is media inserted into Disc slot, USB slot or SD Card slot.



## Sound Controls

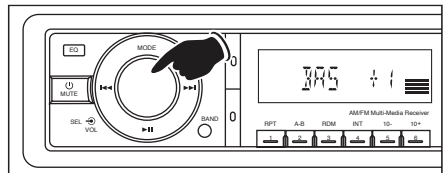
### Volume:

- Increase the volume by rotating the knob clockwise.
- Decrease the volume by rotating the knob counterclockwise.



### Sound Characteristics Menu:

By pressing the **VOL** knob, the modes will be displayed in the following order: "BAS" bass, "TRE" treble, "BAL" balance and "FAD" fader.



### Bass:

Press the **VOL** knob until "BAS" appears in the display. Turn the **VOL** knob clockwise to increase the bass and counterclockwise to decrease the bass.

### Balance:

Press the **VOL** knob until "BAL" appears in the display. Turn the **VOL** knob clockwise to increase the balance to the right and counterclockwise to increase the balance to the left.

### Treble:

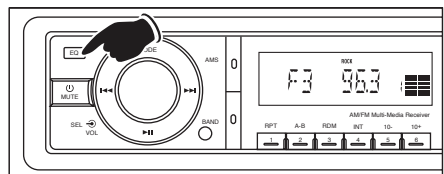
Press the **VOL** knob until "TRE" appears in the display. Turn the **VOL** knob clockwise to increase the treble and counterclockwise to decrease the treble.

### Fader:

Press the **VOL** knob until "FAD" appears in the display. Turn the **VOL** knob clockwise to increase the balance to the front speakers and counterclockwise to increase the balance to the rear speakers.

### Equalizer:

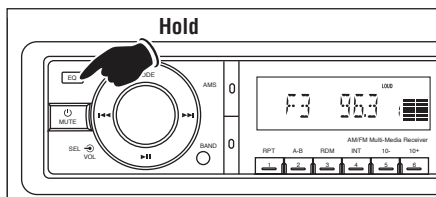
The M3500DVD has pre-programmed audio settings. Press the **EQ** button to switch the equalizer settings. The equalizer setting will appear in the display: POP, ROCK, CLAS (classic) or off. The unit will leave equalizer programming after 5 seconds of no button activity.



## Sound Controls (continued)

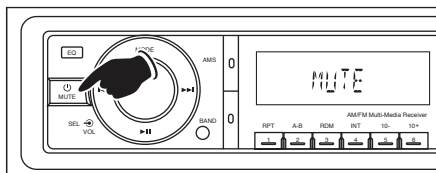
### Loudness:

To boost high and low tones at low volume levels, press and hold the **EQ** button until "LOUD" appears in the display. To deselect, press and hold the **EQ** button again until "LOUD" disappears from the display.



### Mute:

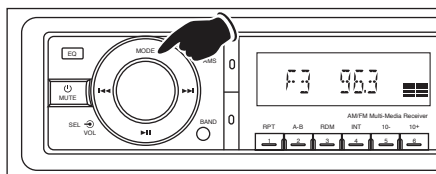
Press the **MUTE** button to cutoff the audio. Press it again to restore the audio.



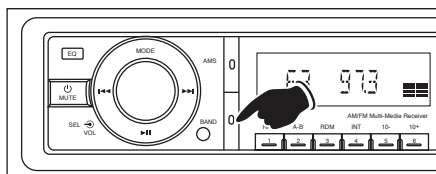
## Radio Operation

### Selecting a Band:

1. Press the **MODE** button until either "F1, F2, F3", AM1 or AM2" appears in the display.



2. Next press the **BAND** button to select the desired band: "F1, F2, F3" (FM) or "AM1, AM2" (AM).

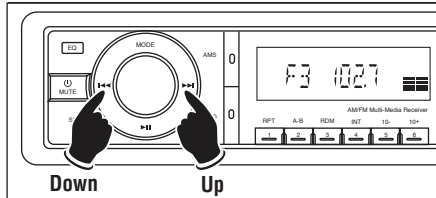


### Manual Tuning:

Press and release the **Next** or **Previous** button until desired frequency is selected.

### Automatic Search Tuning:

Press and hold the **Next** or **Previous** button to move to the next or previous station automatically. Then release and press and hold the button again to scan to the next radio station.



### Preset Radio Stations:

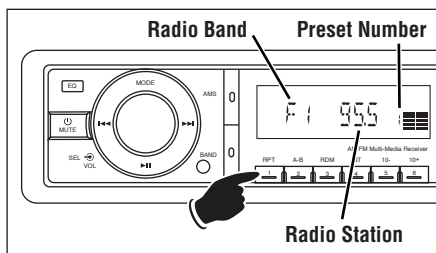
The six numbered preset buttons can store and recall stations for each band (F1, F2, F3, AM1 or AM2).

#### Memorizing a Station:

1. Select a radio band.
2. Tune in a radio station.
3. Press and hold any of the preset buttons for three seconds to memorize the station. The preset number will appear in the display.

#### Recalling a Station:

1. Select a band (F1, F2, F3, AM1 or AM2).
2. Press one of the six preset buttons to select a stored station.



## Radio Operation (continued)

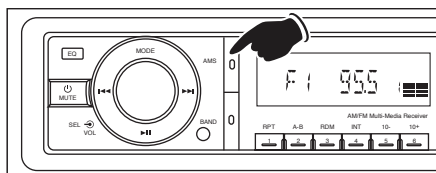
### Preset Radio Stations (continue)

#### Automatically Memorizing Station:

1. Select a band (AM or FM).
2. Press and hold the **AMS** button for two seconds. The radio automatically selects strong stations and stores them in each preset number for the selected radio band. The new stations replace stations already stored in that band.
3. After the new stations are stored into memory, the tuner will start playing the memorized stations each for 5 seconds. When a desired station is reached, press the **AMS** button to stop scanning.

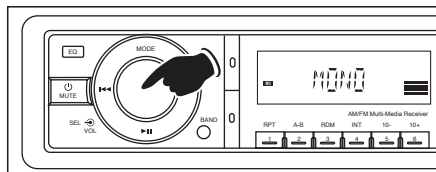
#### Scanning Memorized Stations:

To scan preset stations stored in the current band press and release the **AMS** button. The radio pauses for five seconds at each preset station. When the desired station is reached, press the **AMS** button again to stop scanning.



### FM Stereo/Mono Reception:

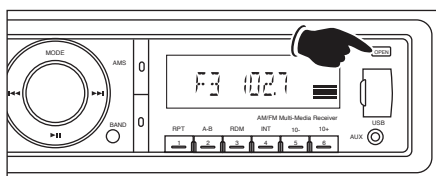
For weaker FM stereo stations selecting mono reception usually improves reception. To switch from stereo to mono reception press the **VOL** knob until "STEREO" appears in the display. Rotate the **VOL** knob until "MONO" appears in the display. The unit will leave feature programming after 5 seconds of no button activity.



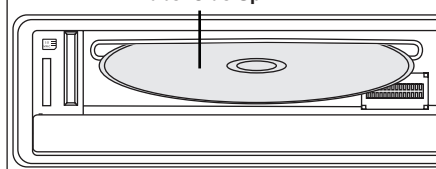
## CD (Music) Disc, SD Card and USB Drive Operation

### Loading a CD:


1. Press the **OPEN** button to flip down the face and to allow access to the disc slot.
2. Insert a CD into the disc slot with the label side up. Inserting the disc will automatically switch the unit to the "CD" mode.
3. Close the unit's face.

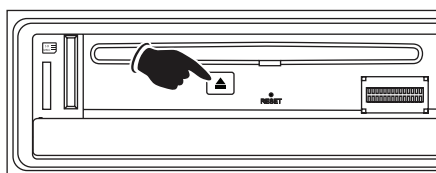


#### Label Side Up



### Ejecting a CD:

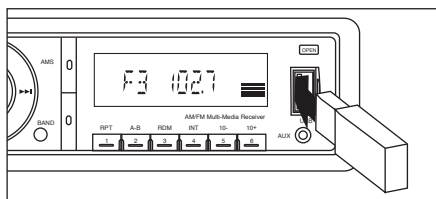
1. Press the **OPEN** button to flip down the face and to allow access to the disc slot.
2. Press the  button to eject the disc from the unit. Remove the disc.
3. Close the radio face.



## CD (Music) Disc, SD Card and USB Drive Operation (continued)

### Inserting the USB Drive:

1. Flip open the door to allow access to the USB slot.
  2. Gently insert the USB drive into the slot.  
Inserting the USB drive will automatically switch the unit to the "USB" mode.
- Note:** If a drive does not insert, **DO NOT FORCE** it into the slot, flip the drive over and try again.

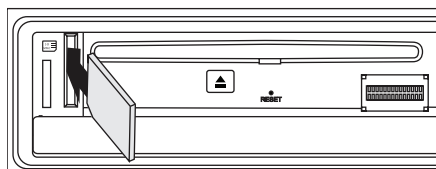
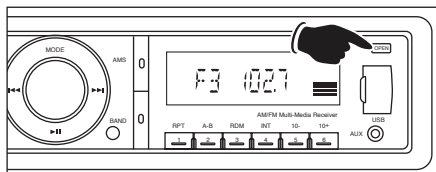


### Removing the USB Drive:

Remove a USB drive at any time by pulling the device out of the socket.

### Inserting the SD Card:

1. Press the **OPEN** button to flip down the face and to allow access to the SD slot.
  2. Gently insert the SD card into the slot with the angle key in the card facing down until it clicks into place. Inserting the SD card will automatically switch the unit to the SD "CARD" mode.
- Note:** If a card does not insert, **DO NOT FORCE** it into the slot, flip the card over and try again.
3. Close the unit's face.

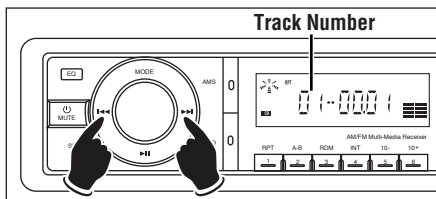


### Removing the SD Card:

1. Press the **OPEN** button to flip down the face and to allow access to the SD slot.
2. Push in on the SD card until you hear a click, then release the SD card and remove it.
3. Close the unit's face.

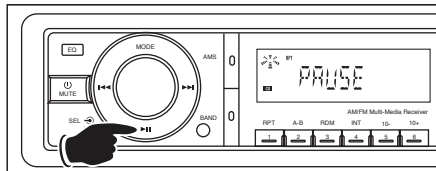
### Select Tracks:

Press and release either the **▶▶|** or **|◀◀** button for less than a second to move to the next or previous track. The track number appears in the display area.



### Pause Play:

Press the **▶||** button to pause play. Press it again to resume play.



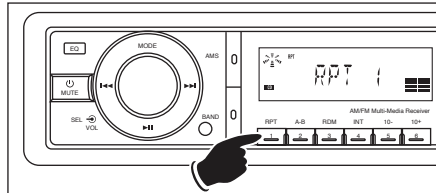
### CD Repeat Function:

The default setting is to repeat the entire disc. Press the **1/RPT** button to change the repeat function:

"REPEAT OFF" = Disc will stop playing at end of disc.

"REPEAT 1" = The track playing will continuously repeat.

"REPEAT ALL" = The entire disc repeats continuously.



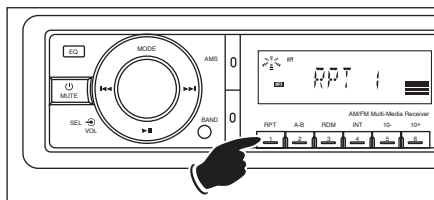


## CD (Music) Disc, SD Card and USB Drive Operation (continued)

### Disc, USB or SD Card Repeat Function:

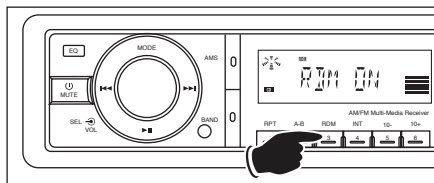
The default setting is repeat is off. Press the **1/RPT** button to change the repeat function:

- “REPEAT 1” = The track playing will continuously repeat.
- “REPEAT DIR” = The entire directory will continuously repeat.
- “REPEAT ALL” = All the tracks will continuously repeat.
- “REPEAT OFF” = Will stop playing at end of last track.



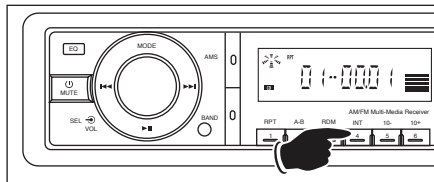
### Play All Tracks in Random Order:

Press the **3/RDM** button to play all tracks in random order. Press it again to stop playing in random order.



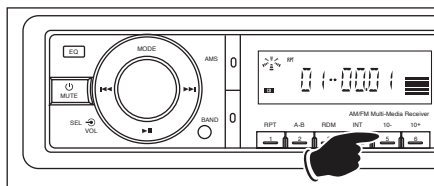
### CD Intro Scan:

Press the **4/INT** button to play the first ten seconds of each track. Press it again to stop intro scan and listen to the track.



### Track Skip Buttons:

Press the **5/-10** button to skip down 10 tracks.  
Press the **6/+10** button to skip up 10 tracks.

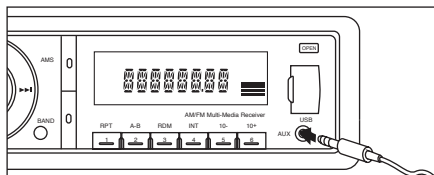


## Auxiliary Audio/Video Input

### Front Audio/Video Input Jack:

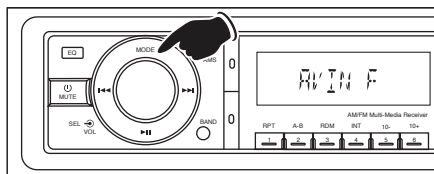
1. Connect an audio/video device using a 3.5mm jack (not supplied) into the socket mounted on the front of the unit.
2. Press the **MODE** button until “AVIN F” appears in the display.

**Note:** The unit will not control the auxiliary source, but can adjust the sound controls. Refer to the audio/video device's owners manual for proper operation.



### Rear Audio/Video Input:

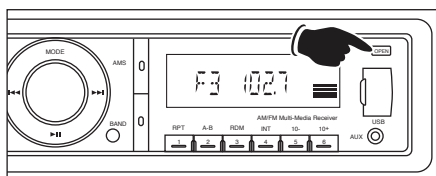
1. An auxiliary audio/video device must be connected to the rear of the unit.
2. Press the **MODE** button until “AVIN R” appears in the display.



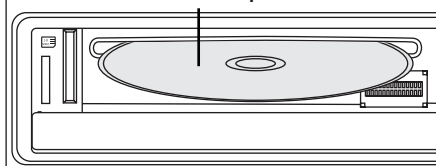
## DVD (Movie) Disc Operation

### Loading a DVD:

1. Press the **OPEN** button to flip down the face and to allow access to the disc slot.
2. Insert a DVD into the disc slot, label side up, and the DVD will begin to play.
3. Close the unit's face.

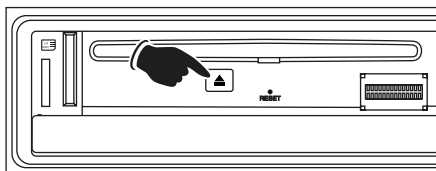


Label Side Up



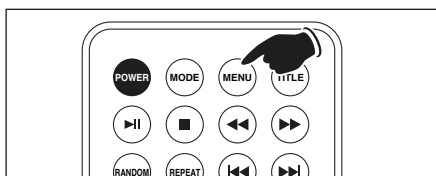
### Ejecting a DVD:

1. Press the **OPEN** button to flip down the face and to allow access to the disc slot.
2. Press the **EJECT** button to eject the disc from the unit. Remove the disc.
3. Close the radio face.



### Menu Screen:

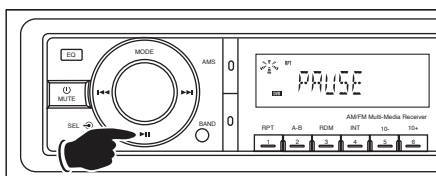
1. Press the **MENU** button on the remote to access the menu screen of the movie disc.
2. Use the **▲**, **▶**, **▼**, **◀** buttons on the remote to navigate to the menu item you want.
3. Press the **ENTER** button to execute your selected menu item.



### Pausing/Playing a Movie Disc:

Press the **PAUSE** button to pause the movie disc. "PAUSE" will appear in the display.

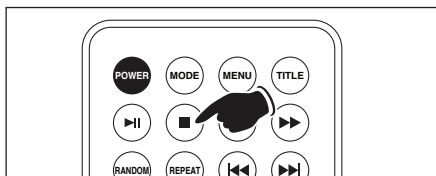
To resume playing the disc, press the **PAUSE** button.



### Stopping a Movie Disc:

Press the **STOP** button on the remote control to stop play. To resume play, press the **PAUSE** button.

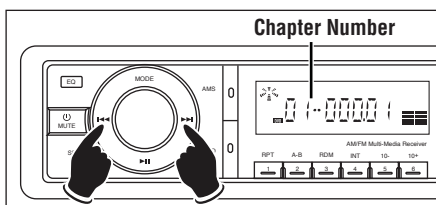
Press the **STOP** button 2 times, then press the **PAUSE** button and the movie disc will start playing from the beginning.



### Selecting a Chapter:

Press and release the **PREV** button to select a previous chapter.

Press and release the **NEXT** button to select a next chapter.



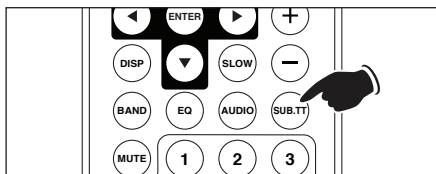
## DVD (Movie) Disc Operation (continued)

### Subtitle Language Menu:

Press the **SUB.TT** button on the remote during playback. Each time the button is pressed, the subtitle language changes. The selection of subtitle appears at the top of the screen.

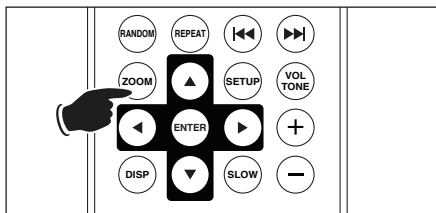
#### Notes:

1. Some discs may contain only one subtitle language.
2. Depending on the disc, the number of subtitle languages may be different.



### Zoom Selection:

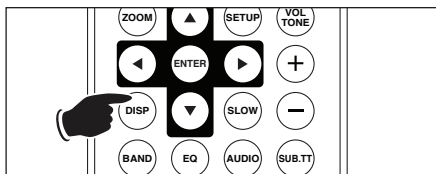
1. Press the **ZOOM** button on the remote to enlarge the on-screen image during disc play. Each time the **ZOOM** button is pressed, the magnification increment changes in the following order: 2X, 3X, 4X, 1/2, 1/3, 1/4.
2. Use the navigation buttons **▲**, **▶**, **▼**, **◀** on the remote to move the image on the screen.



### On Screen Display Selection:

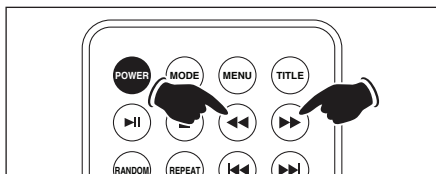
Press the **DISP** button on the remote during movie play to display the following information in this order for most discs:

Title Elapse, Title Remain, Chapter Elapse, Chapter Remain and Display Off.



### Fast Forwarding / Fast Rewinding:

Press the **◀◀** or **▶▶** button on the remote to start the fast forward or fast rewind function speed of 2 times normal speed (X 2). "FORWARD X 2" or "BACKWARD X 2" will appear in the display. Press and hold the **◀◀** or **▶▶** button again will increase the speed, X 4, X 8 and X 20. Press the **▶||** button to resume normal movie disc playback.

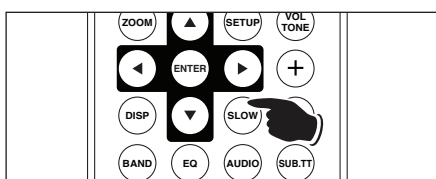


### Slow Motion:

Continue to press the **SLOW** button on the remote to play the movie in slow motion in the following order:

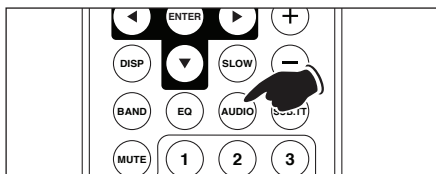
SF 1/2, SF 1/3, SF 1/4, SF 1/5, SF 1/6, SF 1/7

To resume normal play, press the **▶||** button.



### Audio Language:

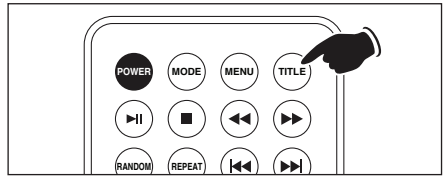
Press the **AUDIO** button on the remote during playback to select the desired audio/language setup. The audio languages will appear at the top of the screen.



## DVD (Movie) Disc Operation (continued)

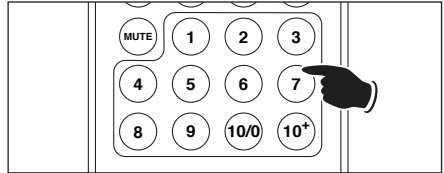
### Title Screen:

Press the **TITLE** button on the remote, depending on the characteristics of the movie disc the title function may be invalid. This is not a malfunction.



### Direct Chapter Selection:

1. Using the numeric keypad on the remote control enter the chapter number.
2. Press the **ENTER** button to confirm.



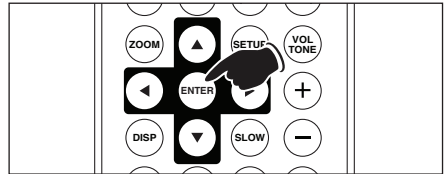
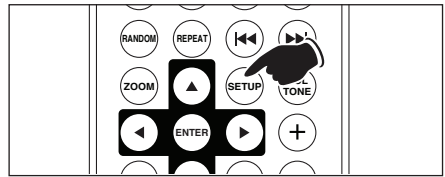
### Last Play Memory:

- During disc play, if you turn off the unit and turn it on again, the movie will resume playing from where it was stopped.
- During disc play, if you press the **MODE** button to switch to another mode, and return to the movie mode again, the unit will resume playing from where it was stopped.

## DVD (Movie) Disc Operation (continued)

### Screen Adjustment Controls:

1. Press the **SETUP** button on the remote to enter the setup menu.
2. When the cursor is on the top of the screen use **▶** or **◀** button to select different pages, such as: SYSTEM SETUP, LANGUAGE SETUP, VIDEO SETUP, SPEAKER SETUP and DIGITAL SETUP.
3. Press **▼** button to move the cursor to SETUP page below and use **▲** and **▼** buttons to move among the different SETUP options.
4. Press **▶** button to display the list of choices for each SETUP menu item. Use **▲** and **▼** to change selection.
5. Press **ENTER** button to confirm your selection.



### SYSTEM SETUP

TV SYSTEM  
AUTO PLAY  
TV TYPE  
PASSWORD  
RATING  
DEFAULT

- TV SYSTEM: NTSC, PAL or AUTO
- AUTO PLAY: On or Off
- TV TYPE: 4:3 PS, 4:3LB or 16:9
- PASSWORD: Lock/unlock (default 0000)
- RATING: 1KID SAFE, 2G, 3PG, 4PG13, 5PG-R, 6R, 7NC17 or 8ADULT.
- DEFAULT: Restore the SYSTEM SETUP menu.

### LANGUAGE SETUP

OSD LANGUAGE  
AUDIO LANG  
SUBTITLE LAN  
MENU LANG

- OSD LANGUAGE: English, German, Spanish, French and Portuguese.
- AUDIO LANGUAGE: Chinese, English, Japan, French, Spanish, Portuguese, Latin and German.
- SUBTITLE LANGUAGE: Chinese, English, Japan, French, Spanish, German and Off.
- MENU LANGUAGE: Chinese, English, Japan, French, Spanish, Portuguese, German and Latin.

### VIDEO SETUP

BRIGHTNESS  
CONTRAST  
HUE  
SATURATION  
SHARPNESS

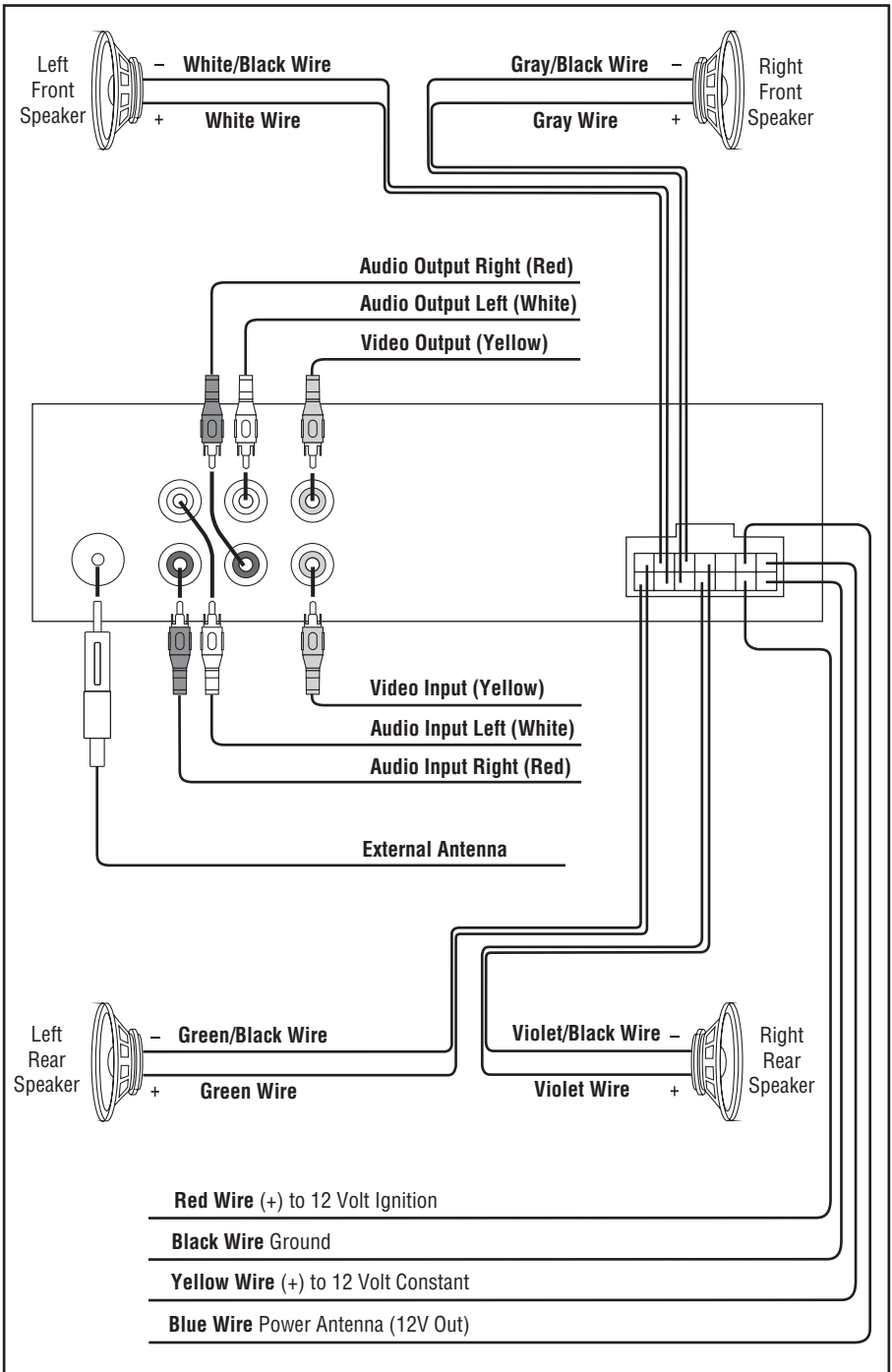
You can adjust the value of brightness, contrast, hue, saturation and sharpness.

### SPEAKER SETUP

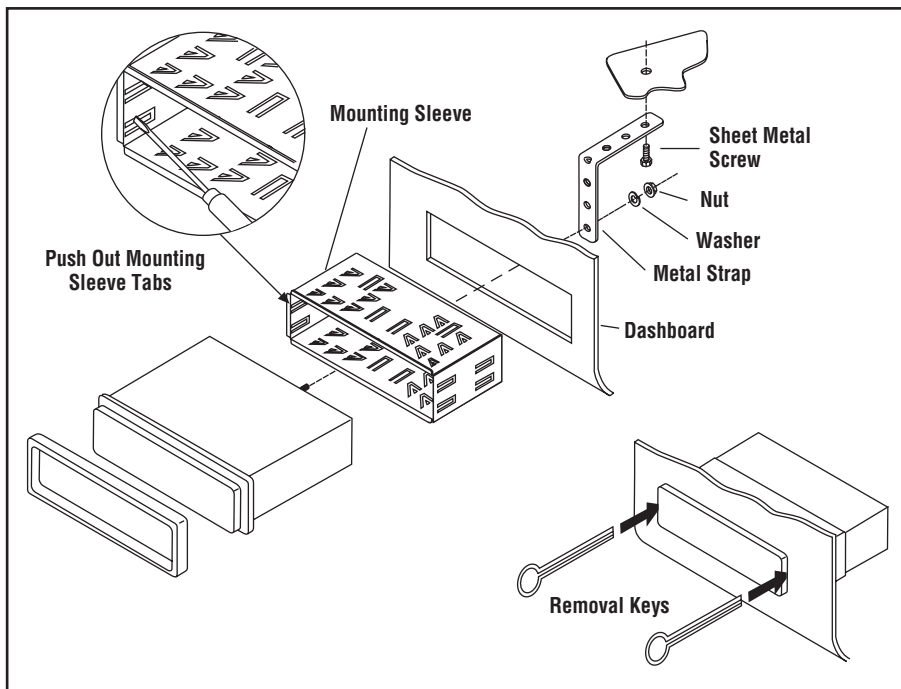
DOWNMIX  
FRONT

- DOWNMIX: LT/RT, STEREO or VSS
- FRONT: Large or Small

# Wiring Diagram



## Installation Procedures



### Installing the Unit:

- 1: Insert the sleeve into the dashboard opening and bend the mounting tabs outward to secure it.
- 2: If necessary, attach the mounting strap to the rear of the unit, then attach it with the supplied nut.
- 3: Insert the unit into the sleeve until you hear a click.
- 4: Finally place the trim ring over the unit.

### Removing the Unit:

- 1: Remove the trim ring.
- 2: Insert the release keys into the left and right side of the unit.
- 3: Pull the unit out of the dashboard.

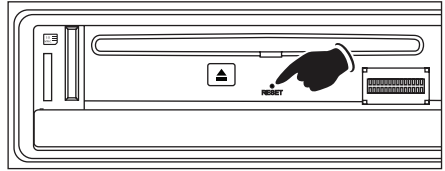
## Reset Function

Press the **OPEN** button on the front panel to fold down the panel, and you will see the **RESET** button on the base of the unit.

When the below situation occurs, you can press the **RESET** button to solve the problem:

- Initial installation of the unit when all wiring is completed.
- Some of the buttons do not work.
- Error symbol on the display.

Should any of these conditions occur, simply press and release the restart button using the tip of a ball point pen. This will restart the radio's microprocessor. After pressing the restart button, you should recheck to see if the radio functions normally.

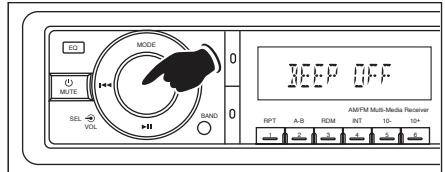


## Additional Features

### Button Press Beep Confirmation:

If you want the M3500DVD to beep everytime a button is pressed follow the instructions below:

1. Press the **VOL** knob until "BEEP OFF" appears in the display.
2. Rotate the **VOL** knob until "BEEP ON" appears in the display.
3. After waiting a few seconds the unit will exit programming.

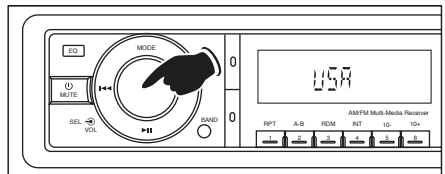


### Area Radio Frequency Adjustment:

**Note:** If operating the unit in the USA do not change the area.

#### To Change the Area:

1. Press the **VOL** knob until "USA" appears in the display.
2. Rotate the **VOL** knob until "OCEAN" appears in the display.
3. After waiting a few seconds the unit will exit programming.





## Troubleshooting

If it appears that your unit does not operate properly, first consult this checklist. It may be something simple which has been overlooked.

**Under no circumstances should you try to repair the player yourself, as this will invalidate the warranty. Only qualified service personnel can remove the cover or service this player.**

**The power does not turn on:**

- The lead wires are not connected properly to the connectors. **Make sure the connection is correct.**
- One of the fuses has blown. **After checking for short circuits in the wires, replace the fuse with one having the same rating.**
- The internal processor is not working due to noise or other factors. **Press the reset button to reset the unit to factory defaults.**

**The remote control does not work. The unit does not operate even when the correct buttons on the remote control are pressed:**

- Battery capacity is low. **Install new batteries.**
- Some operations are disabled in specific modes. **Enter the correct mode.**

**The disc can not play:**

- Disc is of poor quality or damaged or not clean. **Clean or replace the disc with one of higher quality.**
- The disc installed is not supported by the unit. **Examine the disc type.**

**Disc can not be loaded or ejected:**

- Hold the ▲ button for 5 seconds to reset the mechanism. Turn off the unit, and turn on the unit again.

**The desired source is not selected although you press the MODE button:**

- An optional unit required to listen to each source is not connected yet. **Connect the optional unit correctly.**
- The reset button is not pressed yet although the optional unit has been connected to the unit. **Press the RESET button.**

## Replaceable Fuses

If the fuse should blow, check that the wiring is correct. If the wiring is correct, replace the fuse with the same amperage rating as the original.

**Yellow Wire** = 15 Amp glass fuse.

**Red Wire** = 1 Amp glass fuse.

## Disc Warnings

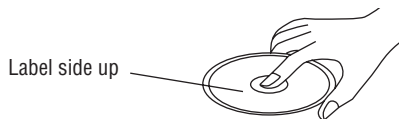
### Handling:

- Dirt, dust, scratches and warping disc will cause non-operation.
- Do not place stickers on disc or scratch disc.
- Do not place discs in the following places: Direct sunlight, dirty, dusty or damp areas, near car heaters, car seats or dashboard.

### Disc Cleaning:

Use a dry, soft cloth to wipe the disc's surface. If the disc is very dirty, use a soft cloth slightly moistened with isopropyl (rubbing) alcohol. Never use solvents such as benzine, thinner or conventional record cleaners as they may mar the surface of the disc.

**Note:** A disc may become somewhat scratched (although not enough to make it unusable) depending on handling and conditions in the usage environment.



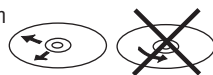
Do not touch the underside of the disc



Do not bend

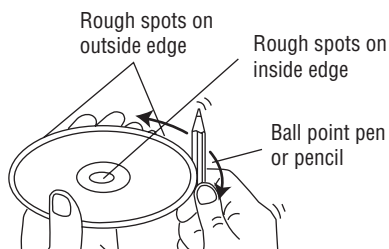


Wipe the disc from the center toward the outside edge



### Preparing New Discs with Rough Spots:

A new disc may have rough edges on its inside and outside edges. If a disc with rough edges is used, the proper setting will not be performed and the player will not play the disc. Therefore, remove the rough edges in advance by using a ball point pen or pencil as shown. To do this, press the side of the pen or pencil against the inside and outside edges of the disc.



### ONE (1) YEAR LIMITED WARRANTY

Magnadyne Corporation or its authorized agents will within one year from the date of sale to you, repair, replace or refund the retail sales price of said product or any part thereof, at the option of the Magnadyne Corporation or its authorized agents, if said product or part is found defective in materials or workmanship, when properly connected and operating on the correct power requirements designated for the specific product. This warranty and Magnadyne Corporation or its authorized agent's obligations hereunder do not apply where the product was; damaged while in the possession of the consumer, subjected to unreasonable or unintended use, not reasonably maintained, utilized in commercial or industrial operations, or serviced by anyone other than Magnadyne Corporation or its authorized agents, or where the warning seal on the product is broken or the power and/or plugs are detached from the unit. Magnadyne Corporation or any of its authorized agents will not assume any labor costs for the removal and reinstallation of any product found to be defective, or the cost of transportation to Magnadyne Corporation or its authorized agents. Such cost are the sole responsibility of the purchaser.

This warranty does not cover the cabinet appearance items or accessories used in connection with this product, or any damage to recording or recording tape, or any damage to the products resulting from improper installation, alteration, accident, misuse, abuse or acts of nature.

MAGNADYNE CORPORATION OR ITS AUTHORIZED AGENTS SHALL NOT BE LIABLE TO ANYONE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR CLAIMS EXCEPT THOSE ACCORDED BY LAW. NO EXPRESSED WARRANTY OR IMPLIED WARRANTY IS GIVEN EXCEPT THOSE SET FORTH HEREIN. NO IMPLIED WARRANTY SHALL EXTEND BEYOND ONE YEAR FROM THE DATE OF SALE.

This warranty extends only to the original purchaser of the product and is not transferable. Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you. This warranty gives you specific legal rights, and you may have other rights that vary from state to state.

**“NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the User's authority to operate the equipment.”**

Defective merchandise should be returned to the original point of purchase or secondly, to Magnadyne Corporation, 1111 W. Victoria Street, Compton CA 90220. Return Authorization must be obtained before sending, or merchandise may be refused.

